

C1
~~activity than anticoagulant activity.~~

Kindly amend claims 10 and 11 as follows:

Claim 10, line 4, change "1" to --13--.

11. (Amended) An oligoheteropolysaccharide [having antithrombotic activity composed of] comprising [a] depolymerized heparin [fraction] containing sulfuric groups [having] in the quantity and in the positions characteristic of heparin wherein

- C2*
- (1) said oligoheteropolysaccharide has a ratio of antithrombotic activity, determined by Yin's assay, to anticoagulant activity, determined by Kaolin-cephalin clotting time test, in vitro of [greater than] about 2.5 [2]; and
 - (2) said oligoheteropolysaccharide has the following physico chemical properties:
 - (A) an average molecular weight of from [about] 2600 to 5500 Daltons;
 - (B) hexosamines after hydrolysis of [from] about [26] 28 percent [to about 30 percent];
 - (C) uronic acids after hydrolysis of [from] about [27] 31% percent [to about 35 percent];
 - (D) organic sulfate after hydrolysis of [from] about [26] 30% percent [to about 34 percent];
 - (E) specific rotation in aqueous solution "Alpha 20" of from [about] +40 degrees to

- C²
- [about] +50 degrees;
- (F) electrophoresis on cellulose acetate (pyridine/acetic acid/water of about 1:10:299) at [about] pH 4.5 and development with toluidine blue resulting in a single band with anodic mobility (U) of about $2.1 \times 10^{-4} \text{ cm}^2 \text{ v}^{-1} \text{ sec}^{-1}$;
- (G) molar ratios of uronic acid/hexosamines/sulfate of about 1/1/2;
- (H) powder of ivory color, amorphous and lightly hygroscopic;
- (I) a pH of [the] a 5 percent aqueous solution of the said oligoheteropolysaccharide of about 7.5 [6.5 to about 8]; and
- (J) a discharge of the color from blue to reddish blue in a metachromatic identification reaction in which 1 ml of a 2 percent solution of the oligoheteropolysaccharide is added to 1 ml of a 0.0025 percent solution of toluidine blue acidified with 0.1 ml of 1 N hydrochloric acid.

REMARKS

Reconsideration of this application and entry of the foregoing amendments are respectfully requested.

Claims 1-7 have been cancelled and new claim 13 has been added. New claim 13 finds support on page 4, lines 23-25; page 5, lines 4-7; and page 6, lines 5-7. Claim 10 has been amended